Collar design:

1. Dimension diagrams
2. Waterproof
3. Need to pass drop test

Back-end:

1. Research on tools we can use

Electricals

1. Check with myfab receiver

Budget update

Our budget is far away from $150

List of prices from Myfab

Remaining is $78.052

GPS module $5.198

Lihin WIfi $6.888

Bluefriut\*3 $6.004

(Arduino+USB)\*4 $7.374

Jumper wire $1.02

Battery $3.844

Nut\*3 $0.36

(Nut M3+M3 pitch)\*4 $ 0.88

Buckle head $0.29

Buckle Tail $0.23

Case Bottom\*2 $2.94

Case Top $1.14

Screw $0.24

Case Top(Engraved) $1.15

Middle Layer $0.26